

SPECIMEN LABEL



Dursban L.O.

insecticide

*Controls Numerous Pests
In and Around Households*

ACTIVE INGREDIENTS:

Chlorpyrifos [O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate]	41.5%
Xylene range aromatic solvent	11.5%
INERT INGREDIENTS	47.0%

Contains 4 pounds of chlorpyrifos per gallon.
EPA Registration No. 484-571
EPA Est. 11715-TN-1

KEEP OUT OF REACH OF CHILDREN

WARNING

See Side Panel for Additional Precautionary Statements

12-1.35 fl oz (40 ml) bottles

Do Not Remove Packages From Container
Except For Immediate Use

To Be Applied Only By or Under the Supervision of
Pest Control Operators, Public Health Organizations,
and Other Trained Personnel Responsible for Insect
Control Programs

Store Above Freezing (32°F.)

NOTE: Crystals may form in this product if stored below freezing (32°F.) If crystals are present, warm to above 55°F. and shake occasionally until crystals disappear. Freezing does not affect product quality or performance.

PRECAUCION AL USUARIO Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

TRANSLATION: (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

SEE ENCLOSED BOOKLET FOR COMPLETE USE AND PRECAUTIONARY INFORMATION

THE DOW CHEMICAL COMPANY

26,05-81282

MIDLAND, MICHIGAN 48640

© Trademark of THE DOW CHEMICAL COMPANY

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS

Hazard to Humans

**HARMFUL IF SWALLOWED • HARMFUL IF ABSORBED THROUGH SKIN
CAUSES EYE AND SKIN IRRITATION**
Avoid Contact with Eyes, Skin or Clothing • Wash Thoroughly After Handling
Remove Contaminated Clothing and Wash Before Reuse • Avoid Breathing
Vapors and Spray Mist • Avoid Spraying Food Crops • Keep Away from
Food, Feedstuffs, and Domestic Water Supplies • Keep Container Closed
Handle Concentrate in a Ventilated Area

With plenty of soap and water. Get medical attention if irritation persists. **IF IN EYES**
Flush eyes with plenty of water for 15 minutes. Call a physician.
NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically.
Atropine only by injection is an antidote.

Physical or Chemical Hazards

COMBUSTIBLE

Do Not Use or Store Near Heat or Open Flame

Environmental Hazards

DURSBAN L O is toxic to fish, birds, and other wildlife. Do not apply directly to
water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply
this product only as specified on this label.




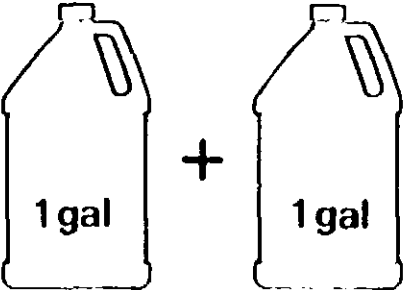
STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Contact a toxicologist or physician. Call a
physician immediately. **IF ON SKIN:** Immediately remove contaminated clothing and wash

In case of an emergency endangering life or
property involving this product call collect
517-636-4400

AGRICULTURAL CHEMICAL
Do Not Ship or Store with Food, Feeds,
Drugs or Clothing

LOT

Amount of DURSBAN L O	Amount of Water	Concentration of Spray Active Ingredient
 40 ml DURSBAN L O	 1 gal	= 0.50%
 40 ml DURSBAN L O	 1 gal + 1 gal	= 0.25%

BOTTLE

REDUCED 0%

 **DURSBAN L.O.**
Insecticide

KEEP OUT OF REACH OF CHILDREN

WARNING

14270 085 1

SEE ENCLOSED BOOKLET
FOR COMPLETE
USE DIRECTIONS
AND PRECAUTIONS

SPECIMEN LABEL (BACK)

DOW
Dursban L.O.
insecticide

Controls Numerous Pests In and Around Households

To Be Applied Only By or Under the Supervision of Pest Control Operators, Public Health Organizations, and Other Trained Personnel Responsible for Insect Control Programs

ACTIVE INGREDIENTS
Chlorpyrifos (O,O-Diethyl O (3,5,6-trichloro-2-pyridyl) phosphorothioate) 41.5%
Xylene range aromatic solvent 11.5%
INERT INGREDIENTS 47.0%
Contains 4 pounds of chlorpyrifos per gallon
EPA Registration No. 464-571
EPA Est. 11745-TN-1

PRECAUCION A USUARIO: Si usted no entiende los instrucciones de este producto, consulte a un profesional de la salud pública o a un agente de extensión agrícola.
TRANSLATION TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.

KEEP OUT OF REACH OF CHILDREN
WARNING

PRECAUTIONARY STATEMENTS
Hazards to Humans
HARMFUL IF SWALLOWED • HARMFUL IF ABSORBED THROUGH SKIN • CAUSES EYE AND SKIN IRRITATION
Avoid Contact with Eyes, Skin or Clothing
Wash Thoroughly After Handling • Remove Contaminated Clothing and Wash Before Reuse • Avoid Breathing Vapors and Spray Mist • Avoid Spraying Food Crops • Keep Away from Food, Feedstuffs, and Domestic Water Supplies • Keep Container Closed
Handle Concentrate in a Ventilated Area

STATEMENT OF PRACTICAL TREATMENT IF SWALLOWED: Do not induce vomiting. Do not take any laxatives or cathartics. Do not take any emetics. Do not take any oil-based laxatives. Do not take any oil-based laxatives. Do not take any oil-based laxatives.
IF ON SKIN: Immediately remove contaminated clothing and wash with plenty of soap and water. Get medical attention if irritation persists.
IF IN EYES: Flush eyes with plenty of water for 15 minutes. Call a physician.
NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Antidote is atropine. Call 1-800-4-A-DOTE.

Physical or Chemical Hazards
COMBUSTIBLE
Do Not Use or Store Near Heat or Open Flame
Environmental Hazards
DURSBAN L.O. is toxic to fish, birds, and other wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.
In case of an emergency endangering life or property involving this product, call collect **517-636-4400**
AGRICULTURAL CHEMICAL
Do Not Ship or Store with Food, Feeds, Drugs or Clothing

USE DIRECTIONS

Read state or federal law concerning the use of pesticides. Do not use this product in violation of any law.
Do not use this product in violation of any law.
Do not use this product in violation of any law.

PESTS INDOORS

General Information: Use DURSBAN L.O. for control of household pests indoors on surfaces of buildings and for perimeter treatment. Consult the following directions for dosage and application rate for the pests listed.

SPRAY DILUTION CHART

Gallons of Spray Mixture Desired	Amount of DURSBAN L.O. to Use			
	0.25% spray		0.50% spray	
Water to use spray	16.2	ml	16.2	ml
1	2.3	20	11.3	40
2	4.6	40	22.7	80
3	6.9	60	34.0	120

Note: 1 ml = 0.0338 fluid ounce; 1 fluid ounce = 29.5735 ml

Application Within Food Handling Establishments (Places Other Than Private Residences in Which Food is Held, Processed, Prepared or Served) including, but Not Limited to, Restaurants, Grocery Stores, Bakeries, Bottling Plants, Canneries, and Grain Mills. Use as a spot treatment in and around buildings. Do not use in areas where food is prepared or served. Do not use on food, feedstuffs, or animal feed. Do not use on food contact surfaces. Areas treated may include dark corners of rooms and closets, along and behind baseboards, beneath and behind stoves, refrigerators, and similar food preparation areas, and equipment, floor drains, and around pumps, and other utility installations. For ants, apply to trails and wherever these pests may feed or travel.

Spot treatment may include cracks and crevices, treatment by applying an emulsion of chlorpyrifos directly to openings leading to voids and other spaces in walls and ceiling, around equipment, pipes, and bases of equipment. Equipment should be cleaned and repaired before use. Do not use on food contact surfaces. Do not use on food, feedstuffs, or animal feed. Do not use on food contact surfaces. Areas treated may include dark corners of rooms and closets, along and behind baseboards, beneath and behind stoves, refrigerators, and similar food preparation areas, and equipment, floor drains, and around pumps, and other utility installations. For ants, apply to trails and wherever these pests may feed or travel.

APPLICATION OF THIS PRODUCT IN FOOD HANDLING ESTABLISHMENTS OTHER THAN AS A SPOT AND OR CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

Application Within Residential Buildings Including Homes and Apartment Buildings and Within Nonfood Areas of Industrial, Institutional, and Commercial Buildings Including Hospitals, Stores, Manufacturing Plants, and Warehouses.
For Spot Treatment Only: Apply as a coarse spray or with a paint brush to localized areas where infestations occur. Do not use on food, feedstuffs, or animal feed. Do not use on food contact surfaces. Areas treated may include dark corners of rooms and closets, along and behind baseboards, beneath and behind stoves, refrigerators, and similar food preparation areas, and equipment, floor drains, and around pumps, and other utility installations. For ants, apply to trails and wherever these pests may feed or travel.

For control of carpet beetles: thoroughly apply a 0.5% spray as a spot treatment to localized areas such as pet beds and nesting quarters, nearby walls and crevices, along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. Do bedding of pets should be removed and replaced with clean, freshly laundered bedding.

For control of brown dog ticks: thoroughly apply a 0.5% spray as a spot treatment to infested areas such as pet beds and nesting quarters, nearby walls and crevices, along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. Do bedding of pets should be removed and replaced with clean, freshly laundered bedding.

For control of fleas: thoroughly apply a fine water based dust spray of 0.25% to infested areas such as pet beds and nesting quarters. Use one gallon of diluted spray per 1000 square feet of area.

WOOD INFESTING INSECTS

General Information: Wear suitable protective clothing when using or handling this product to help avoid exposure to eyes and skin. As a minimum, chemical workers' goggles, protective head covering, neoprene or natural rubber gloves and footwear, a long sleeved shirt, and long legged parts of coveralls are recommended. To avoid breathing spray mist during application in confined areas, wear a mask or respirator of a type recommended by NIOSH for filtering spray mists and organic vapors. When spraying over head interior areas of homes, apartment buildings, etc., to the point of runoff, cover all surfaces below the area being sprayed with plastic sheeting or other material which could be disposed of by placing in trash if contamination from dripping occurs. Do not permit humans or pets to contact treated surfaces until spray has dried.

Dosage and Mixing Instructions: To prepare a 0.5% aqueous emulsion containing 0.5% chlorpyrifos, add 1.13 fl. oz. (40 ml) of DURSBAN L.O. insecticide to every gallon of final spray mixture desired. To prepare a 1% emulsion add 2.27 fl. oz. (80 ml) of product per gallon of spray.

For control of wood-infesting beetles of the families Lyctidae, Bostrichidae, Anobiidae, and Cerambycidae in homes and other structures: apply an emulsion containing 0.5% chlorpyrifos. For treatment of small areas, apply by brushing the emulsion evenly on wood surfaces. For large, overhead areas, apply as a coarse spray to the point of runoff.

For control of carpenter ants: in homes and other structures, apply a solution containing 0.5% chlorpyrifos around doors and windows and other places where carpenter ants enter the premises and where they crawl and hide. Also spray into cracks and crevices or through openings or small newly drilled holes into wall voids where these ants or their nests are present. Use a sufficient amount of coarse spray to cover the area to the point of runoff.

For control of termites: localized areas in structures infested with termites and in spaces between wooden members of a structure and between wood and foundations where infestation is likely to occur, application may be made to inaccessible areas by drilling and then injecting the solution. Use a sufficient amount of coarse spray to cover the area to the point of runoff. Treatment of localized areas is intended to kill workers and winged reproductive forms of termites in the treated areas and to prevent infestation in a temporary period. This type of application is not intended to be a substitute for soil treatment or mechanical alteration to control subterranean termites.

ATTENTION (Pests Indoors): Do not apply water-base sprays of this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard. Do not use in poultry houses or other animal buildings. Do not allow spray to contact food, feedstuffs, and water supplies. Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated by application of this product. Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fish bowls/tanks before spraying.

PESTS OUT-OF-DOORS

General Information: Use DURSBAN L.O. for control of outdoor pests on surfaces of buildings and for perimeter treatment. Consult the following directions for dosage and application rate for the pests listed.

A 0.5% dilution can be used to control heavy infestations or for extended residual control.

Perimeter Treatment and Pests on Outside Surfaces of Buildings: Use DURSBAN L.O. at the rate of 4 fluid ounces per 3 gallons of water (0.5% chlorpyrifos emulsion) to control ants, clover mites, cockroaches, crickets, earwigs, fleas, flies, millipedes, mosquitoes, sowbugs (pillbugs), spiders and ticks by application as a residual spray or with a paint brush to outside surfaces of buildings including porches, screens, window frames, naves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Do not treat or allow the spray to contact flowering plants because of possible injury. Repeat treatment as needed to maintain effectiveness.

NOTE: To help prevent infestation of buildings by ants, crickets, earwigs, millipedes and sowbugs (pillbugs), treat a band of soil 6 to 10 feet wide around and adjacent to buildings, also the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use 8 ounces of DURSBAN L.O. per 100 gallons of water and apply as a coarse spray at the rate of about 10 gallons spray mixture per 1000 sq. ft. to thoroughly and uniformly wet the band area.

STORAGE AND DISPOSAL

Prohibitions: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Pesticide Disposal: Pesticide spray mixture or residue water that cannot be used according to label directions must be disposed of according to applicable Federal, State or local procedures.

Container Disposal: Do not reuse empty container. Wrap container and put in trash collection.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product in any manner not intended or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.
U.S. Patent No. 3,244,586

Do Not Remove Packages From Container Except For Immediate Use

Store Above Freezing (32° F)

Note: Crystals may form in this product if stored below freezing (32° F). If crystals are present, warm to above 55° F, and shake or agitate until crystals disappear. Freezing does not affect product quality or performance.

THE DOW CHEMICAL COMPANY
Midland, Michigan 48640 U.S.A.

NOV 28

Mrs. J. L. Page
Dow Chemical U.S.A.
Agricultural Products Department
P.O. Box 1706
Midland, MI 48640

Dear Mrs. Page:

Subject: Increase dosage rate for flea
control on carpets
Luraban L.O. Insecticide
LPA Registration No. 464-571
Your submission dated October 25, 1983

The amendment referred to above, submitted in connection with
registration under FIFRA sec. 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/
reregistration of your product under FIFRA sec. 3(c)(5) when the
Agency requires all registrants of similar products to submit
such data.
2. Submit five (5) copies of your final printed labeling before you
release the product for shipment.

If these conditions are not complied with, the registration will be
subject to cancellation in accordance with FIFRA sec. 6(e). Your release
for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Jay S. Ellenberger
Product Manager (12)
Insecticide-Moisturicide Branch
Registration Division (TS-767)

Enclosure

IRB/RD:ELLENBERGER:DCI-28436:WANG-1264C:HK:Raven:479-2013:11/18/83

CONCURRENCES

SYMBOL	SURNAME	DATE						